

Converting Colors

$Y_{xy}(24.7022, 0.2674, 0.3006)$

Have a look what the booklet for
Yxy(24.7022, 0.2674, 0.3006)
contains.

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Color

Yxy(24.7991, 0.2676, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	6E8D9D
RGB	110, 141, 157
RGB Percent	43%, 55%, 62%
CMY	0.5687, 0.4470, 0.3843
CMYK	0.30, 0.10, 0.00, 0.38
HSL	200°, 19%, 52%
HSV	200°, 30%, 62%
XYZ	22.0400, 24.7991, 35.5226
YIQ	133.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

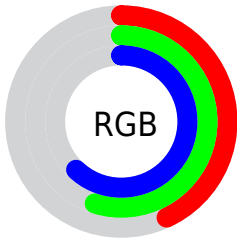
Format	Color
RYB	110, 129, 157
Decimal	7245213
CIELab	56.88, -6.95, -12.03
CIElCh	57, 13.894, 239.969
Yxy	24.7991, 0.2676, 0.3011
Android (android.graphics.Color)	4285435293 (0xFF6E8D9D)
YUV	133.5550, 11.5584, -20.6577
Hunter-Lab	49.7987, -8.1469, -7.4339

Details

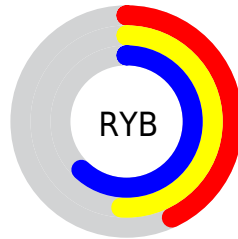
The Yxy color $24.7991, 0.2676, 0.3011$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.2115, 0.3700, 0.3552$, and the grayscale version is $23.6318, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5702, 0.2770, 0.3072$, and $9.4834, 0.2508, 0.2898$ is the 20% darker color. If you saturate the color by 10%, you get $22.3432, 0.2530, 0.2901$, and if you desaturate by 10%, it is $27.5114, 0.2826, 0.3113$.

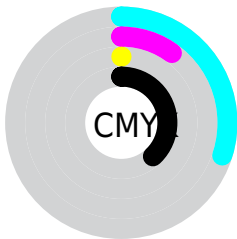
Distribution



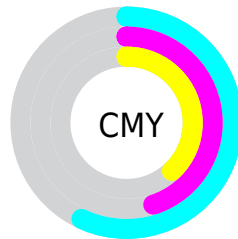
- Red (43%)
- Green (55%)
- Blue (62%)



- Red (43%)
- Yellow (51%)
- Blue (62%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (38%)



- Cyan (57%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7991, 0.2676, 0.3011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.7991, 0.2676, 0.3011 by changing the saturation by 10% instead.

■ 24.7991, 0.2676,
0.3011

■ 24.7991, 0.2676,
0.3011

■ 276.8360, 0.2922,
0.3167

■ 15.9274, 0.2607,
0.2965

■ 51.3311, 0.2771,
0.3072

■ 9.4728, 0.2514,
0.2903

■ 69.7603, 0.2804,
0.3094

■ 5.0509, 0.2381,
0.2810

■ 92.1440, 0.2833,
0.3112

■ 2.2771, 0.2176,
0.2662

■ 118.8668, 0.2856,
0.3126

■ 0.7616, 0.1747,
0.2401

■ 150.3130, 0.2876,
0.3139

■ 0.0000, 0.0000,
0.0000

186.8670, 0.2893,

0.3150

228.9132, 0.2909,
0.3159

■ 24.7991, 0.2676,
0.3011

■ 24.7991, 0.2676,
0.3011

■ 22.3432, 0.2530,
0.2901

■ 27.5114, 0.2826,
0.3113

■ 20.1302, 0.2393,
0.2784

■ 30.4869, 0.2978,
0.3206

■ 18.1498, 0.2267,
0.2661

■ 33.7358, 0.3128,
0.3290

■ 16.3894, 0.2156,
0.2535

■ 37.2667, 0.3275,
0.3366

■ 14.8350, 0.2063,
0.2407

■ 41.0878, 0.3418,
0.3434

■ 13.4704, 0.1990,
0.2279

■ 45.2071, 0.3554,
0.3494

■ 12.2579, 0.1932,
0.2153

■ 49.6320, 0.3684,
0.3546

■ 12.2511, 0.1931,
0.2152

■ 54.3698, 0.3808,
0.3592

■ 59.4274, 0.3923,
0.3632

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.7991, 0.2705, 0.3200



24.7991, 0.2676, 0.3011



24.7991, 0.2761, 0.2905

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.7991, 0.2676, 0.3011



24.7991, 0.3413, 0.3153



24.7991, 0.3300, 0.3712

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.7991, 0.2676, 0.3011



23.2115, 0.3700, 0.3552

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.7991, 0.3499, 0.3681



24.7991, 0.2676, 0.3011



24.7991, 0.3568, 0.3353

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.7991, 0.2676, 0.3011



24.7991, 0.3182, 0.2991



24.7991, 0.3599, 0.3546



24.7991, 0.3059, 0.3619

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.7991, 0.2676, 0.3011



24.7991, 0.2874, 0.2891



24.7991, 0.3599, 0.3546



24.7991, 0.3374, 0.3715

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.8001, 0.2676, 0.3011



55.0292, 0.2989, 0.3213



28.9257, 0.2956, 0.3847



11.9419, 0.2969, 0.3201



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8001, 0.2676, 0.3011



41.3953, 0.2577, 0.2938



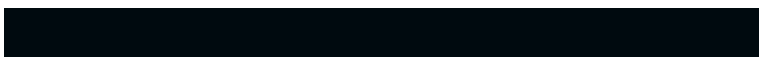
18.6647, 0.2630, 0.2587



7.1290, 0.2988, 0.3212



10.0207, 0.1934, 0.2162



0.2545, 0.2074, 0.2667

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.2413, 0.3357, 0.2797



32.2072, 0.3424, 0.2684



29.8406, 0.3599, 0.3906



6.7162, 0.3187, 0.3144



6.6338, 0.4274, 0.2128



0.1262, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 24.7991, 0.2676, 0.3011 looks on a white background.

Color Contrast Check

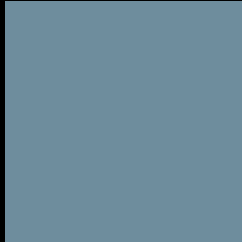
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 24.7991, 0.2676, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

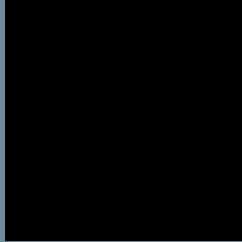
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

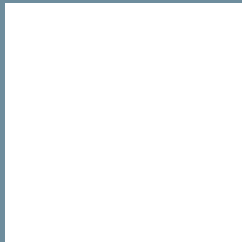
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7991, 0.2676, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 24.7991, 0.2676, 0.3011.



This preview shows how white text looks on a background with the Yxy color 24.7991, 0.2676, 0.3011.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.7991, 0.2676, 0.3011

Protanopia

24.6144, 0.2926, 0.2990

Deuteranopia

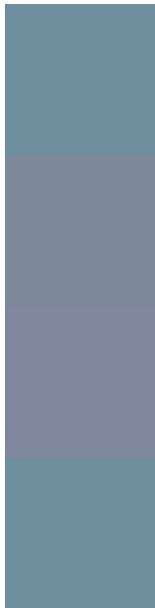
24.6815, 0.2920, 0.2868



Tritanopia

24.8971, 0.2702, 0.3096

Trichromacy



Original Color

24.7991, 0.2676, 0.3011

Protanomaly

24.5844, 0.2837, 0.3001

Deuteranomaly

24.6661, 0.2829, 0.2923

Tritanomaly

24.9303, 0.2694, 0.3079

Monochromacy



Original Color

24.7991, 0.2676, 0.3011

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2043, 0.2949, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7991, 0.2676, 0.3011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 141, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 141, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 141, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 141, 157) }
```

Border

The CSS property to change the border of an element to Yxy 24.7991, 0.2676, 0.3011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 141, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 141, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 141, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 141, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 141, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 141,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7991, 0.2676, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 141, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
141, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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